

Table C-7. Tissue residue-based hazard quotients for aquatic life.

Chemical	Screening Value	95% UCL Tissue Concentration (mg/kg-wet)					HQ				
		RM 0-3.2	RM 3.2-4.9	RM 4.9-6.5	RM 6.5-8.8	RM >8.8	RM 0-3.2	RM 3.2-4.9	RM 4.9-6.5	RM 6.5-8.8	RM >8.8
Metals											
Arsenic	1.7	0.020	0.020	0.046	0.020	0.112	0.011505638	0.011644391	0.027116478	0.011642352	0.06560966
Cadmium	0.25	0.010	0.013	0.024	0.024	0.058	0.04	0.05	0.10	0.10	0.23
Lead	0.37	0.262	0.422	0.830	0.756	1.621	0.71	1.14	2.24	2.04	4.38
Mercury	8.6	0.011	0.040	0.028	0.043	0.095	0.001	0.005	0.003	0.005	0.011
Selenium	2.25	1.030	0.102	1.073	0.706	0.874	0.46	0.05	0.48	0.31	0.39
PCBs											
PCB Aroclor 1242	-	0.865	2.812	2.437	2.026	0.029	-	-	-	-	-
PCB Aroclor 1260	-	0.132	0.421	0.179	0.113	0.046	-	-	-	-	-
Total PCBs	1.53	0.997	3.232	2.616	2.139	0.075	0.65	2.11	1.71	1.40	0.05
Pesticides											
4,4'-DDD (p,p'-)	-	0.024	0.045	0.057	0.064	0.073	-	-	-	-	-
4,4'-DDE (p,p'-)	-	0.070	0.164	0.123	0.097	0.313	-	-	-	-	-
4,4'-DDT (p,p'-)	-	0.004	0.009	0.012	0.020	0.043	-	-	-	-	-
DDT+Metabolites	1.27	0.098	0.219	0.191	0.180	0.429	0.08	0.17	0.15	0.14	0.34
Aldrin	-	0.002	0.002	0.005	0.002	0.006	-	-	-	-	-
alpha-Chlordane	-	0.004	0.007	0.015	0.020	0.026	-	-	-	-	-
cis-Nonachlor	-	0.004	0.005	0.008	0.007	0.011	-	-	-	-	-
Dieldrin	1.76	0.014	0.014	0.019	0.022	0.062	0.008	0.008	0.011	0.012	0.035
gamma-Chlordane	-	0.018	0.036	0.038	0.044	0.012	-	-	-	-	-
Heptachlor	-	0.002	0.032	0.026	0.002	0.006	-	-	-	-	-
Heptachlor epoxide	-	0.002	0.005	0.005	0.006	0.006	-	-	-	-	-
Oxychlordane	-	0.011	0.023	0.019	0.018	0.010	-	-	-	-	-
trans-Nonachlor	-	0.008	0.015	0.018	0.022	0.031	-	-	-	-	-

Total PCBs = sum of A1242 and A1260 concentrations

RM = River Mile

HQ = Hazard Quotient

UCL = Upper Confidence Limit